To Interlocks Sheet-2 Filter Pmt TEST POINT

Hi Pot Input Pressure safety switches located on 2232 uF @ 1000Vdc damping resistor blocking capacitors Located on filter choke negative bus Hi-pot input switch removes voltage across caps during hi-pot tests ** Special construction note (2) 0.01UF 3KV (2) 1.0UF 600Vdc Installed inside Installed inside Power Supply Power Supply Coils are 5000 A (20) 50UF Caps
water cooled air-core Total 500 UF each side to ground Each capacitor GE 97F5211 50 UF 440 Vac 1000 Vdc Non-polarized (8) 1.0 Ohm 10% Power Resistors 150W 1.6kJ Total 0.250 Ohms each side CESIWID 887SP1ROK Pos In Pos Out 3.0 Ohm Small Aux Contact

Filter Pmt Com

Filter Pmt _____ 0.01UF 50K 10W 1% S1 & S2 50 uF 440Vac 1000Vdc non-pol 2232 uF 1000V Non-pol GE 17L611NJ dc blocking cap Main Contacts ; 2232 uF 1000V Non-pol GE 17L611NJ dc blocking cap 3.0 Ohm 50K 10W 1% 0.01UF 50 uF 440Vac 1000Vdc non-pol L? Neg Out Output common mode caps & damping resistors Output diff mode caps & bleeder resistors (2) 3.0 Ohm 10% CESIWID 885SP3R0K 45W 250J Input common mode caps Note: These damping resistors & DC blocking caps are for 1UF input common mode caps which are installed inside power supply See Engineering Notes: H960703A, H960730A, H960801A, H960731A (R. Hance) All pertaining to design of this filter FermiLab Research Division / DZERO Dept. Electronics Group Originator - R. Hance Drawn - R. Hance Solenoid Energization, Controls & Interlocks Filter DWG NO 3823-111-ED-330052 Originated 26 Jul 96 Last Revision 30 Mar 1998 March 30, 1998 8 OF 17